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ANNUAL REPORT
FISCAL YEAR 1971

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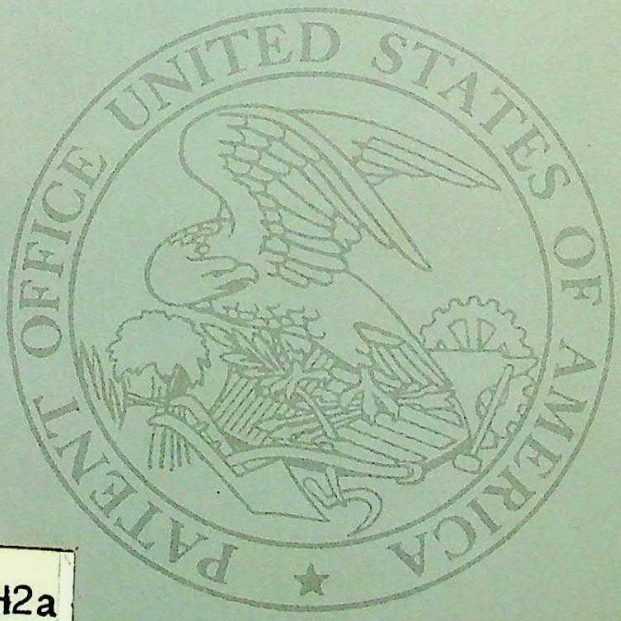

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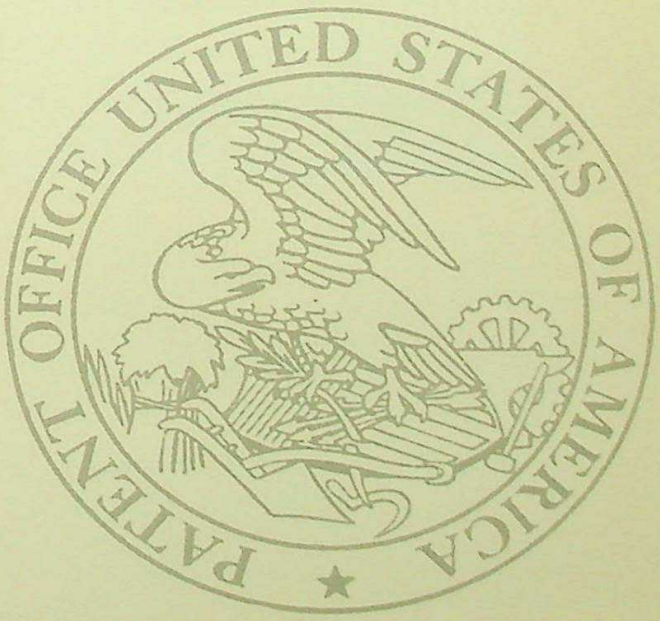

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U.S. DEPARTMENT OF COMMERCE
Maurice H. Stans, Secretary

PATENT OFFICE
Robert Gottschalk, Commissioner

1971

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Commissioner's Annual Report
Fiscal Year 1971

I. Functions

The Patent Office administers the patent laws enacted by Congress in accordance with article 1, section 8 of the Constitution, and the Federal trademark laws. In discharging its duties relating to patents, the Office examines applications and grants patents when applicants are entitled to them under the law, publishes and disseminates patent information, maintains search files of U.S. and foreign patents, a public search room and scientific library, records assignments of patents, and supplies copies of patents and related official records to the public. Pursuant to title 15, sections 1051 to 1127 of the United States Code, the Patent Office also examines, registers, and maintains records of trademarks used in commerce which are qualified for protection under those Federal trademark laws.

II. Fiscal 1971 Highlights

- The number of new applications received rose by more than 3,500 to a new record of 104,160.
- A record number of over 70,500 patents were issued in fiscal year 1971.
- Reorganizations of the Patent Office operating structure were effected, establishing an Office of Technology Assessment and Forecast within the newly consolidated Office of Planning, Budget, and Evaluation, and an Office of Government Inventions and Patents.
- Progress was made in the establishment of an international patent classification system and an international system for registration of trademarks.
- A study of the trademark laws and examining operation was completed and a program was established for implementation of the study's recommendations.
- Over 23 million documents, including patents, trademarks, publications, and manuscripts, were provided to the public and Government agencies.

III. Patent and Trademark Examining Operations

New records were again established this year for the number of patent applications received and for the number of applications on which examination was completed. The number of new applications received rose by more than 3,500 to 104,160. This record number of receipts was more than offset, however, by the completion of examination on 109,245 applications, a difference of more than 5,000. As a result, new applications are being reached for examination in an average of less than 12 months from the date of filing.

Despite substantial disruptions in the patent printing process arising from an uncertain financial situation brought about by a midyear increase in patent printing costs, an alltime record high of 70,669 patents were printed. (See tables 1–5.)

After an increase in the number of trademark applications filed of more than 6,000 over the past 3 years, there was a slight decrease this year. Only 32,803 trademark applications were filed, representing a decrease of slightly more than 1,000 from last year. In addition, the number of trademarks registered was also off slightly at 21,868. (See tables 7–10.)

IV. Patent and Trademark Legislation

Efforts toward the general revision of the patent laws continued in the 92d Congress. On February 8, 1971, Senator McClellan introduced S. 643, the successor to S. 2756 of the 91st Congress. This bill would effect many beneficial changes in the patent laws, including an assignee filing system for patent applications, modernized and clarified standards for judging the novelty and unobviousness of inventions, the reexamination on request of newly issued patents and a 20-year patent term measured from the filing date of the patent application. Senator Scott again introduced amendments to S. 643 which would clarify and stabilize the uncertain and varying relationship between the patent and antitrust laws.

Hearings on Senator Scott's amendments and certain provisions of S. 643 were held this year before the Subcommittee on Patents, Trademarks, and Copyrights of the Senate Judiciary Committee. The Department testified in favor of S. 643 and the Scott amendments, recommending certain changes in both.

At the request of the Department of Commerce, legislation was introduced to enable the United States to adhere to Articles 1 to 12 of the Stockholm Revision of the Paris Convention for the Protection of Industrial Property. This measure would modify our patent

laws to recognize the right of priority in patent cases for earlier filed inventors' certificates. Hearings on this legislation were held by both the Senate and the House and the bill was passed by the House on June 21, 1971.

Legislation to amend the patent laws and give specific authority to the Commissioner of Patents to carry on studies and programs on domestic and international patent and trademark matters was introduced and was the subject of hearings in the House. The Senate passed the measure without hearings.

A measure providing relief for patent and trademark applicants and owners from delays caused by the emergency situation in the postal service in the spring of 1970, was enacted on June 30, 1971.

Senator McClellan introduced a bill which would establish the Commissioner of Patents as an Assistant Secretary of Commerce for Patents and Trademarks, authorize the Commissioner to excuse late payment of the issue fee, and change the nature of the appointment of Examiners-in-Chief from Presidential appointments to appointments under the classified civil service.

On December 30, 1970, Public Law 91–577 was enacted to provide a system for the legal protection for sexually reproduced plants to be administered by the Department of Agriculture. This law arose from a great concern in the agricultural sector over suitable ways to provide patent-like protection for plants, regardless of their manner of reproduction, and corresponds in some respects to the patent laws.

V. International Activity

An agreement on the international classification of patents was negotiated and signed by a number of countries, including the United States, at a diplomatic conference in Strasbourg, France. The agreement establishes a mechanism for international cooperative development of a worldwide system of classification for patent documents to aid in the retrieval of patented technology and will, when it comes into effect, replace the existing Council of Europe Agreement which originally created a new classification intended for international usage. No country has ratified the agreement to date.

A draft treaty and regulations on the international registration of trademarks was published by the World Intellectual Property Organization this year. The draft advances a system for the international registration of trademarks in which the United States could participate. The draft treaty and regulations have been circulated among the 78-member countries of the Paris Convention, and will be considered in Geneva this coming year by a committee of experts. The

draft treaty is expected to culminate in either a revision of the existing Madrid Agreement, to which the United States does not adhere, or the negotiation of a new international trademark registration treaty. To this end, plans have been laid to hold a diplomatic conference in Vienna, Austria in 1973.

By the end of calendar year 1970, 35 countries, including the United States, had become signatories to the Patent Cooperation Treaty which was negotiated last year at the Washington Diplomatic Conference. No nations have yet ratified the treaty.

VI. Services Workload

In fiscal year 1971, the Patent Office provided over 23 million documents to the public and to Government agencies. Over 5 million orders for patents and trademarks were filled. Foreign exchange searching obligations included over 3 million documents, library subscriptions accounted for over 1 million and more than 200,000 patents were placed in permanent storage. (See table 16.)

VII. Patent Office Academy

The academy training program operated the entire year on a single session basis which combined the former basic and advanced sessions. The change from two training sessions to one was considered desirable in view of the reduction in application pendency time, which means that the examiner is completing the examining cycle in a gradually decreasing period of time.

A total of 132 patent examiners completed the fiscal 1971 program. Three U.S. non-Patent Office government employees, five persons from private industry and 10 foreign guests also participated. A total of 1,179 patent examiners had completed academy training through June 10, 1971.

VIII. Environmental Quality Program

The environmental quality program, initiated on a request from President Nixon, continued. This program, which grants a priority examination to patent applications dealing with devices and processes which can help in curbing environmental abuses, was begun in February of 1970. By June 30, 1971, over 400 petitions for this priority treatment had been granted and over 100 patent applications had been allowed. Of those allowed, approximately 45 percent were concerned with air pollution, 10 percent with water pollution, and 45 percent with soil pollution.

IX. Search Systems Development

The experimental program to determine the feasibility of computer assisted classification has been combined with an experimental program involving machine searching of chemical structures into a single project known by the acronym POTOMAC (Patent Office Techniques of Mechanized Access and Classification).

The creation of an experimental data base for testing various stages of POTOMAC is continuing. A segment of the experimental data base is to be directed toward presidential priorities for environmental quality. The subject selected for this purpose is "emission control for internal combustion engines." The contract for keyboard conversion of patents to machine readable form has been expanded to cover the conversion of approximately 10,000 patents. In addition, two contracts have been awarded to manufacturers of optical character recognition equipment in order to explore the feasibility and expected cost reduction of using OCR for the conversion of the patent file.

Also during the year, lexicographic studies in the content analysis of patents by machine methods were initiated. An analysis of a number of patents was achieved under contract to derive word- and phrase-frequency lists. Using these lists, queries were prepared and forwarded to the contractor for the purpose of searching the file to identify patents containing various concepts.

Simultaneously, a contract was awarded to develop a query language to permit patent examiners and other future users to communicate with a computer in a quasi-English language fashion. This language will permit a user who is unfamiliar with the system to communicate with it after a minimum of training while also permitting an experienced user to employ any degree of sophistication of logical expression.

Development of a program for searching chemical structures is continuing. These chemical structures are represented in Hayward Notation, a representation scheme named after the Patent Office employee who developed it. An additional thrust of this effort involves developing a program for computer conversion of chemical structures in the Hayward Notation to structural diagrams for electronic display.

In an effort to continue the utilization of an existing search aid at no cost to the Government, the Patent Office has entered into an exchange agreement with a private concern involving Termatrex search files. These files, which involve cards punched according to index terms taken from specific patents, have previously been used on a limited basis in a number of technical disciplines, the largest being class 424, medicines and poisons. Acting on a proposal from the REMAC Inter-

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national Corporation, the Patent Office agreed to provide the specific data relating to the indexed information from class 424 in exchange for punched Termatrex cards containing this information and the necessary equipment to utilize the cards.

X. Patent Office Reorganization

A reorganization of the Patent Office was effective on November 16, 1970. This reorganization consolidated the Office of Planning and Programing, the budget function of the Office of Budget and Finance and the newly created Office of Evaluation into an Office of Planning, Budget, and Evaluation. In addition, the Office of Automatic Data Processing was combined with the systems analysis functions of the Office of Organization and Systems Analysis into an Office of Data Systems reporting directly to the Commissioner of Patents.

Another change in the Patent Office internal structure was effected on May 4, 1971, and established the Office of Government Inventions and Patents. This office brings together for the first time administration of Executive order 10096 which deals with the allocation of rights to inventions made by government employees and matters involving the Committee on Government Patent Policy which is concerned with the allocation of rights to inventions made by government contractors. In addition, the reorganization effected on May 4, 1971, created an Office of Technology Assessment and Forecast and placed it within the Office of Planning, Budget, and Evaluation.

XI. Trademark Study

The Secretary of Commerce in September 1970 appointed a Public Advisory Committee for Trademark Affairs to study the trademark law and rules as well as the trademark examining operation. This group, composed of a standing committee of the U.S. Trademark Association, formally submitted its first report to the Commissioner of Patents in June. This report contains 64 recommendations covering the spectrum of the trademark examining operation including management, processing of applications, post-registration procedures, inter partes proceedings, services to the public, and training of trademark examiners. At year's end, a program had been established for implementing many of the recommendations in the report.

XII. Data Base Program

In this, the first full year of operation, a total of 28,300 patents were processed by the Patent Office under the data base program.

Under this program, the full text of allowed patent applications are converted to machine-readable form on magnetic tape and used to drive the linotron at the Government Printing Office to compose patent texts for printing. Afterwards, the tapes are retained by the Patent Office for the purpose of building a full-text patent data base for future use in computer-assisted classification and search. This year, the effort involved the capture of approximately 746.8 million characters of patent specification text which were used to compose more than 121,000 pages of print. During the coming year, the number of patents to be printed by the data base program is expected to double, increasing the Patent Office machine readable data base to more than 80,000 patents.

XIII. New Initiatives

1. First Action Form.—During the year, one phase of a program designed to reduce the amount of professional time involved in the examination of patents was initiated on an experimental basis. On a trial basis, examiners began handwriting the first examination report to patent applicants, utilizing a specially designed form for that purpose. Although the effectiveness of the program for its intended purpose is still being evaluated, a substantial reduction in the typing workload has already been realized.

2. Index to Decisions.—In an effort to insure compliance with the Freedom of Information Act, the Patent Office began preparation of indices of final opinions by Patent Office tribunals for use by the public. With the assistance of personnel from the Board of Appeals, the Office of the Solicitor, utilizing a plan it developed in 1970, indexed the approximately 9,000 opinions handed down by the Board since the effective date of the act. Each opinion was indexed according to the point of patent law involved. In addition, nearly 700 opinions of the Board of Patent Interferences were similarly indexed and work is now under way on opinions of the Commissioner of Patents. Computer printouts of the indices will be made available to the public next year.

3. Unofficial Patent Classification Inventory.—All unofficial classifications of U.S. patents located in the examiner search files in the Patent Office were subject to an inventory in 1970. From this a documentation of all unofficial patents and their classifications in digests and unofficial subclasses was compiled. At the end of the fiscal year a supplement to the manual of classification containing all of this information was published. Thus, the contents of the unofficial digests and subclasses, which are valuable searching aids, are now available to all the examiners and to the public.

4. Law Clerk Program.—In September, a new program was put into effect under which young patent examiners serve as law clerks for members of the Board of Appeals. In addition to contributing significantly to the disposition of cases pending before the Board, these young examiners have received training which should enhance their examining capabilities and increase their interest in Patent Office careers.

5. User Demand Study.—A user demand study, completed in May of 1971, was directed at developing basic information on the users of patent information products and user preferences on which the Patent Office can base plans for improvements in patent information dissemination. Of particular interest was the use of patent information outside the professional patent community for technical information purposes. An important question was whether the Patent Office should expand or modify its efforts to reach the technical community with patent information. The findings of this study are being evaluated for purposes of future implementation.

6. Technology Assessment and Forecast.—One of the more exciting new initiatives taken by the Patent Office this year involves the creation of an Office of Technology Assessment and Forecast to take advantage of the wealth of statistical information generated by the Patent Office as a byproduct of the process of examining and issuing patents. The reports to be disseminated by this office will show trends in technological activity across the entire spectrum of technological disciplines. Reports will also be made of the technological status of the United States relative to that of foreign countries, possibly prior to any impact on world markets. With this information, the Government will be better able to channel its resources to stimulate areas of lagging technology and industry will be better able to compete with foreign competitors in world markets.

7. Public Search Room Microfilm.—In a new effort to improve service to the public, additional reels of 16-mm. cartridge film containing patents were placed in the search room film file. The new reels begin with Patent No. 2,000,000 and continue to Patent No. 2,499,999. In addition to providing a more rapid means for retrieving these patents, this effort will eliminate the need for almost 2,300 bound volumes from the numeric patent file in the search room. It is planned to continue this project until a complete 16-mm. film set of patents in numeric sequence is available for search room use.

XIV. Operating Cost and Income

Funds available to the Patent Office for fiscal year 1971 were $56,104,000, comprised of $50 million regular appropriation,

$6,094,000 supplemental appropriation for pay act and increased printing costs, and $10,000 received as a reimbursement.

Program costs for this period were $55,122,519, and with the addition of $950,705 for higher net obligations incurred for costs of other years, the total amount obligated during fiscal 1971 was $56,073,224, or 99.95 percent of new obligational authority.

Compensation for an average of 2,656 employees accounted for 67 percent of total operating expenses; related costs of employee life insurance, health benefits, retirement contributions, Federal Insurance Contribution Act taxes, awards, Employees' Compensation Fund payments, and other miscellaneous benefits for 5 percent; printing and reproduction for 21 percent; and all other operating costs for 7 percent.

The Office received $27,886,126 in fees and deposits from all sources. Refund of $98,822 and net increase of $281,761 in the deposit fund for unapplied receipts resulted in a net income of $27,505,543. This exceeds by $1,227,582 the previous record-high amount of $26,277,961 for fiscal 1970. Net income for 1971 was equivalent to 50 percent of operating costs. (See tables 21–24.)

XV. Miscellaneous

Due to adjustments to the printing schedule required as a result of funding difficulties, the Patent Office was forced to reschedule the issue of 675 patents scheduled for the March 9 issue and 625 patents scheduled for the March 16 issue. This necessitated the voiding of the patent numbers originally assigned these cases: Nos. 3,568,499 through 3,568,552 and Nos. 3,568,981 through 3,569,601 in the March 9 issue and Nos. 3,570,850 through 3,571,474 in the March 16 issue. This is the first time since 1836 when Patent No. 1 issued on July 13 of that year that such a large quantity of patent numbers has been voided.

Another unusual occurrence for the fiscal year caused by substantially the same difficulty was the issuance of patents on both June 28 and 29, 1971, in an effort to catch up on the printing of patents after the earlier reduction. This was the first time patents were issued on other than a Tuesday as well as on 2 consecutive days since at least before 1900.

XVI. Statistical Data and Index

1. Pending patent and design applications as of June 30, 1971.
2. Summary of patent and design examining activities, fiscal years 1969–71.
3. Applications for patents filed, fiscal years 1952–71.
4. Patents granted, fiscal years 1952–71.
5. Patent applications pending on June 30, 1952–71.
6. Documentation activity, fiscal years 1967–71.
7. Pending trademark applications as of June 30, 1971.
8. Summary of trademark examining activities, fiscal years 1969–71.
9. Applications for trademark registrations, renewals and affidavits, 1952–71.
10. Trademarks registered, renewed, and published under sec. 12(c), 1952–71.
11. Actions on petitions to the Commissioner.
12. Summary of contested cases in the Patent Office during fiscal year 1971.
13. Summary of contested cases in the Patent Office during fiscal year 1970.
14. Cases in litigation (courts).
15. Litigation report, other jurisdictions July 1, 1970–June 30, 1971 (cases reported).
16. Summary of Patent Office services furnished for fees or without charge to the public and Government agencies during fiscal year 1971.
17. Patents issued to residents of United States, years 1961–70.
18. U.S. patent applications filed by residents of foreign countries, calendar years 1966–70.
19. Patents issued by the United States to residents of foreign countries, calendar years 1961–70.
20. U.S. trademark applications and registrations, foreign residents, calendar years 1968–70.
21. Income from fees, fiscal years 1967–71.
22. End of year employment, fiscal years 1967–71.
23. Average number of all employees, fiscal years 1967–71.
24. Operating cost, fiscal years 1967–71.

STATISTICAL DATA

1. Pending Patent and Design Applications as of June 30, 1971

Status	Patents, including plants and reissues	Designs
Pre-examination	45, 101	2, 222
Under examination:		
Awaiting first action by examiners	52, 506	2, 079
Amended awaiting action by examiners	9, 986	319
Awaiting response by applicant	73, 292	1, 346
In interference	1, 138	0
On appeal	2, 104	10
Total under examination	139, 026	3, 754
Post examination:		
Awaiting notice of allowance	10, 430	275
Awaiting payment of issue fee	18, 737	848
D–10's (secret cases in condition for allowance)	3, 185	0
Total in post examination	32, 352	1, 123
In issue process:		
In Patent Office (fee paid prior to June 30)	6, 978	575
With printer	14, 725	878
Total in issue process	21, 703	1, 453
Total in Office	[1] 238, 182	8, 552

[1] Inventory adjustment of 1,773 additional cases.

2. Summary of Patent and Design Examining Activities, Fiscal Years 1969–71

Item	1969	1970	1971	Annual average 1962–71
Patents:				
Applications filed:				
General, mechanical, chemical, electrical	96, 342	100, 116	103, 733	90, 868
Plants	103	113	161	120
Reissues	376	344	266	279
Total	96, 821	100, 573	104, 160	92, 150
Applications allowed	72, 666	72, 298	74, 403	64, 251
Applications abandoned	29, 404	31, 394	34, 842	30, 484
Total disposals	102, 070	103, 692	109, 245	94, 735
Patents issued:				
General, mechanical, chemical, electrical	61, 949	66, 334	70, 370	59, 124
Plants	80	80	77	99
Reissues	201	311	222	215
Total	62, 230	66, 725	70, 669	59, 438
Patents withheld for nonpayment of final fee (35 U.S.C. 151)	2, 102	1, 793	2, 890	1, 909
Designs:				
Applications filed	5, 432	5, 722	6, 057	5, 225
Applications allowed	3, 721	3, 440	3, 603	3, 254
Applications abandoned	1, 500	1, 453	1, 614	1, 930
Design patents issued	2, 991	3, 397	3, 097	3, 025

3. Applications for Patents Filed, Fiscal Years

Year	Inventions	Plants	Reissues	Total	Designs
1952	60, 107	93	186	60, 386	4, 606
1953	70, 025	99	219	70, 343	5, 433
1954	74, 987	90	194	75, 271	5, 501
1955	78, 386	94	230	78, 710	5, 523
1956	75, 420	117	196	75, 733	5, 322
1957	73, 495	99	189	73, 783	4, 675
1958	76, 565	129	262	76, 956	4, 838
1959	77, 978	126	259	78, 363	4, 994
1960	78, 995	117	219	79, 331	4, 567
1961	80, 842	106	223	81, 171	4, 605
1962	84, 864	131	270	85, 265	4, 963
1963	84, 620	149	277	85, 046	4, 841
1964	87, 482	147	207	87, 836	5, 067
1965	88, 908	89	237	89, 234	5, 319
1966	93, 022	103	266	93, 391	5, 187
1967	88, 167	100	241	88, 508	4, 774
1968	90, 252	107	304	90, 663	4, 889
1969	96, 342	103	376	96, 821	5, 432
1970	100, 116	113	344	100, 573	5, 722
1971	103, 733	161	266	104, 160	6, 057

4. Patents Granted, Fiscal Years [1]

Year	Inventions	Plants	Reissues	Total	Designs
1952	42, 963	91	133	43, 187	3, 344
1953	42, 480	91	163	42, 734	2, 827
1954	38, 499	87	167	38, 753	2, 573
1955	29, 473	116	186	29, 775	2, 533
1956	40, 465	88	141	40, 694	3, 104
1957	44, 819	120	163	45, 102	2, 375
1958	43, 407	110	159	43, 676	2, 572
1959	52, 184	128	170	52, 482	2, 508
1960	50, 322	107	178	50, 607	2, 685
1961	47, 222	110	160	47, 492	2, 488
1962	51, 065	88	190	51, 343	2, 336
1963	53, 958	114	215	54, 287	2, 411
1964	44, 050	147	203	44, 400	3, 019
1965	52, 914	127	204	53, 245	2, 979
1966	66, 243	105	238	66, 586	3, 638
1967	70, 028	102	180	70, 310	2, 840
1968	61, 599	67	185	61, 851	3, 539
1969	61, 957	80	201	62, 238	2, 991
1970	66, 339	80	311	66, 730	3, 401
1971	[2] 70, 387	77	222	[2] 70, 686	3, 097

[1] Includes withdrawn numbers.
[2] Does not include 1,300 voided numbers (see page 17).

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5. Patent Applications Pending on June 30, of Year Indicated [1]

Year	Total pending [2]	Awaiting action by examiner [3]	Year	Total pending [2]	Awaiting action by examiner [3]
1952	185, 084	96, 836	1962	197, 397	100, 841
1953	182, 650	98, 878	1963	209, 131	117, 610
1954	194, 620	116, 392	1964	219, 691	127, 154
1955	221, 872	139, 931	1965	206, 922	147, 473
1956	217, 536	121, 847	1966	209, 254	145, 101
1957	215, 535	106, 523	1967	200, 739	134, 346
1958	207, 166	88, 804	1968	189, 909	108, 115
1959	198, 248	87, 146	1969	[4] 190, 558	102, 309
1960	195, 885	87, 122	1970	187, 439	79, 525
1961	200, 934	90, 917	1971	184, 127	62, 492

[1] Does not include allowed applications and design applications.
[2] Includes applications in preexamining processes.
[3] Includes cases in which Office actions were suspended under rule 103 through 1965.
[4] Revised figure based on inventory adjustment of 3,244 to total pending excluding allowed applications and design applications plus category not previously counted of 2,654.

6. Documentation Activity, Fiscal Years 1967–71

Activity	1967	1968	1969	1970	1971
Classes abolished	1	4	1	4	1
Original patents	11, 854	46, 058	8, 895	57, 713	7, 412
Cross-reference patents	14, 441	65, 760	2, 912	65, 658	6, 122
Classes established	3	4	4	4	1
Subclasses	1, 039	1, 431	595	1, 318	257
Original patents	25, 676	54, 921	10, 933	54, 588	10, 645
Cross-reference patents	38, 417	88, 777	12, 359	64, 306	13, 345
Foreign patents	56, 507	86, 182	37, 000	76, 000	10, 000
Miscellaneous subclasses:					
Established	492	494	944	317	285
Original patents	12, 459	15, 679	15, 937	11, 453	2, 163
Cross-reference patents	21, 938	31, 342	11, 200	20, 117	697
Miscellaneous patents transferred	10, 582	13, 669	8, 640	4, 848	2, 163
Assignment decisions:					
Written	12	0	1	2	1, 449
Oral	6, 571	5, 819	6, 125	16, 199	6, 767
Letters of inquiry answered	766	738	534	553	3

7. Pending Trademark Applications as of June 30, 1971

Status	For registration	For renewal	Under section 12(c)	Section 8 affidavits
Preexamination	10, 858	331	3	2, 353
Under examination:				
Awaiting action by examiner:				
First actions	14, 006	892	10	213
Amended actions	6, 060	0	0	0
Awaiting action by others (i.e., applicant, on appeal, in adversary proceedings, clerical processing)	14, 647	143	0	299
Total under examination	34, 713	1, 035	10	512
Total	45, 571	1, 366	13	2, 865
Post examination (includes applications in all phases of publication and issue)	8, 309	410	6	---
Total	53, 880	1, 776	19	2, 865

8. Summary of Trademark Examining Activities, Fiscal Years 1969–71

Item	1969	1970	1971	Annual average 1962–71
Applications for registration filed	31, 268	33, 807	32, 803	28, 356
Disposal of trademark applications:				
Applications maturing to registration	21, 833	23, 752	23, 710	20, 661
Applications abandoned	5, 907	6, 134	6, 974	5, 734
Certificates of registration issued:				
1946 act, principal register	19, 356	21, 018	21, 046	18, 758
1946 act, supplemental register	950	956	822	1, 053
Total	20, 306	21, 974	21, 868	19, 811
Renewal of registration:				
Applications filed	6, 267	6, 329	6, 189	4, 203
Applications abandoned	64	95	95	90
Registrations renewed	5, 442	6, 370	6, 380	4, 040
Affidavits for benefits under sec. 12(c):				
Affidavits filed	90	59	76	253
Affidavits abandoned	4	0	0	3
Published under sec. 12(c)	182	103	112	290
Affidavits, sec. 8:				
Affidavits filed	13, 890	14, 283	12, 263	13, 166
Affidavit disposal	13, 513	13, 854	11, 878	13, 038

9. Applications for Trademark Registrations, Renewals, and Sec. 12(c) Affidavits, Fiscal Years 1952–71

Year	For registration	For renewal	For benefits under sec. 12 (c)	Affidavits received under sec. 8	Year	For registration	For renewal	For benefits under sec. 12 (c)	Affidavits received under sec. 8
1952	16, 126	3, 383	1, 164	-------	1962	24, 866	3, 138	337	14, 720
1953	17, 400	3, 075	1, 309	1, 424	1963	24, 224	2, 604	311	12, 752
1954	19, 715	3, 887	1, 626	16, 491	1964	25, 574	2, 824	261	12, 055
1955	21, 515	3, 931	1, 287	17, 773	1965	26, 657	3, 049	308	13, 923
1956	21, 735	3, 675	808	12, 040	1966	28, 438	3, 695	518	13, 705
1957	21, 581	3, 638	843	12, 873	1967	27, 628	3, 844	341	11, 156
1958	21, 770	3, 237	556	12, 126	1968	28, 292	4, 089	231	12, 116
1959	22, 243	3, 321	447	11, 548	1969	31, 268	6, 267	90	13, 890
1960	23, 242	3, 972	419	12, 573	1970	33, 807	6, 329	59	14, 283
1961	23, 169	3, 476	423	14, 581	1971	32, 803	6, 189	76	12, 263

10. Trademarks Registered, Renewed and Published Under Sec. 12(c), Fiscal Years [1] 1952–71

Year	Registered	Renewed	Published under sec. 12(c)	Year	Registered	Renewed	Published under sec. 12(c)
1952	16, 400	3, 314	1, 304	1962	15, 909	3, 071	331
1953	16, 273	3, 268	1, 157	1963	18, 266	2, 450	322
1954	15, 197	2, 918	1, 383	1964	20, 689	2, 834	329
1955	16, 109	4, 588	1, 544	1965	19, 452	2, 870	336
1956	21, 613	3, 315	885	1966	18, 671	3, 441	497
1957	17, 864	4, 041	877	1967	20, 604	3, 820	403
1958	15, 979	3, 172	555	1968	20, 385	3, 726	290
1959	17, 685	3, 249	529	1969	20, 306	5, 442	182
1960	18, 989	3, 614	479	1970	21, 974	6, 370	103
1961	17, 406	3, 749	451	1971	21, 868	6, 380	112

[1] Includes withdrawn numbers.

11. Actions on Petitions to Commissioner

Acceptance of late priority papers	51
Access	9
Certificates of corrections	7, 199
Deferment of issue	54
Express abandonment	59
Extensions of time	616
Filing date	184
Final fee—late payment	762
Interference	139
Make special	122
Public use	11
Reinstatement of appeals	4
Revivals	1, 532
Supervisory authority	183
Withdrawals of attorney	1, 176
Revocation and Power of Attorney	76
Total	12, 177

Pending petitions awaiting action, 132.

12. Summary of Contested Cases in Patent Office During Fiscal Year 1971

Patent cases before the Board of Appeals: [1]		
Pending July 1, 1970		1, 909
Filed July 1, 1970–June 30, 1971:		
Appeals (examiners answers only)	2, 523	
Reconsideration	286	2, 809
Total		4, 718
Disposals:		
Examiner affirmed	1, 705	
Examiner affirmed-in-part	202	
Examiner reversed	394	
Dismissed	25	
Suspended	0	
Withdrawn	279	[2] 2, 894
(*Plus 68 adjustment—inventory.)		
Pending June 30, 1971		1, 756
Cases before the Board of Patent Interferences:		
Pending July 1, 1970		771
Filed July 1, 1970–June 30, 1971 Inter partes cases		367
Total		1, 138
Disposals		440
Pending June 30, 1970		698

Cases before the Trademark Trial and Appeal Board:

	Ex Parte	Cancel	Concur.	Inter Partes Inter-fer.	Oppo-si-tions	Total
Pending July 1, 1970	132	285	13	102	1, 221	1, 753
Filed July 1, 1970–June 30, 1971:						
Ex parte appeals	284					284
Inter partes cases		216	7	123	1, 144	1, 490
Total	416	501	20	225	2, 365	3, 527
Disposals	307	244	9	106	1, 160	1, 826
Pending June 30, 1971	109	257	11	119	1, 205	1, 701

[1] Change in jurisdiction over cases.
[2] Reconsiderations included, 289.

13. Summary of Contested Cases in Patent Office During Fiscal Year 1970 [1]

Patent cases before the Board of Appeals:		
Pending July 1, 1969		1, 172
Filed July 1, 1969–June 30, 1970:		
Appeals (examiners answers only)	3, 270	
Reconsideration	337	3, 607
Total		4, 779
Disposals:		
Examiner affirmed	1, 619	
Examiner affirmed-in-part	193	
Examiner reversed	346	
Dismissed	23	
Suspended	1	
Withdrawn	318	[2] 2, 870
Pending June 30, 1970		1, 909

[1] Revised Report for fiscal year 1970 based on change in jurisdiction over cases
[2] Reconsiderations included, 370.

14. Cases in Litigation (Courts)

	Administrative review	Patent	Trademark	Total
Supreme Court of the United States—Petitions for writ of certiorari:				
Pending July 1, 1970	1	0	0	1
Filed July 1, 1970–June 30, 1971	2	2	1	5
Total	3	2	1	6
Denied	1	1	1	3
Granted	1	0	0	1
Total	2	1	1	4
Pending June 30, 1971	1	1	0	2
United States Court of Appeals—District of Columbia Circuit:				
Cases Pending July 1, 1970	3	2	0	5
Appeals taken July 1, 1970–June 30, 1971	3	4	0	7
Total	6	6	0	12
Cases disposed of:				
Affirmed	1	1	0	2
Dismissed	1	0	0	1
Remanded	1	0	0	1
Reversed	0	0	0	0
Total	3	1	0	4
Pending June 30, 1971	3	5	0	8
United States District Court for the District of Columbia:				
Pending July 1, 1970	9	97	2	108
Filed July 1, 1970–June 30, 1971	4	23	0	27
Total	13	120	2	135
Cases disposed of:				
Affirmed	0	3	0	3
Affirmed-in-part	0	0	0	0
Reversed	1	0	0	1
Dismissed on:				
Plantiff's motion	0	0	0	0
Defendant's motion	7	1	0	8
Stipulation of counsel	2	47	2	51
Want of prosecution	0	0	0	0
Total	10	51	2	63
Pending June 30, 1971	5	69	0	72

Notices of appeals to U.S. Court of Customs and Patent Appeals

Received July 1, 1970–June 30, 1971:
Ex parte patents and trademarks = 108 (17 not perfected).
Inter partes patents = 30 (1 not perfected).
Inter partes trademarks = 58 (17 not perfected).

14. Cases in Litigation (Courts)—Continued

	Ex parte		Inter partes		Total
	Patent	Trade-mark	Patent	Trade-mark	
United States Court of Customs and Patent Appeals					
Cases pending July 1, 1970	261	22	54	91	428
Filed July 1, 1970 through June 30, 1971	92	11	29	52	184
Total	353	33	83	143	612
Cases disposed of:					
Affirmed	61	7	8	22	98
Affirmed-in-part	14	0	1	0	15
Remanded	8	0	0	1	9
Reversed	25	4	8	14	51
Dismissed:					
On appellant's motion	35	1	3	7	46
Appellees motion	0	0	2	1	3
On want of prosecution	5	0	1	1	7
Total	148	12	23	46	229
Pending July 1, 1971	205	21	60	97	383

15. Litigation Report, Other Jurisdictions, July 1, 1970–June 30, 1971 (Cases reported)

Month	Patent suits				Trademark suits			
	Filed	Pat's Inv'd	Decs.	Pat's Inv'd	Filed	TM's Inv'd	Decs.	TM's Inv'd
July	56	110	22	30	33	71	35	46
Aug	88	175	14	28	26	76	11	20
Sept	45	78	24	32	18	38	15	18
Oct	60	87	33	46	34	88	21	78
Nov	54	75	26	34	24	39	14	44
Dec	36	51	17	33	22	78	13	27
Jan	57	79	27	39	35	134	19	40
Feb	46	61	25	28	24	88	9	20
Mar	94	169	37	49	38	131	19	31
Apr	47	68	33	41	12	180	18	62
May	55	86	26	37	21	39	19	68
June	48	54	30	43	34	95	4	9
Total	686	1,093	314	440	321	1,057	197	463

16. Summary of Patent Office Services Furnished for Fees or Without Charge to the Public and Government Agencies During Fiscal Year 1971

Item or service provided	Total supplied	Patent Office use	Furnished other Government agencies	Number for which charge was made
Prints furnished: Manuscripts, patents, publications, etc	12, 514, 694	2, 995, 647	----------	9, 519, 047
Certificates prepared	93, 285	----------	----------	93, 285
Assignments:				
Abstract of title and title searches	1, 001	----------	----------	1, 001
Title reports	34, 389	34, 389	----------	----------
Instruments recorded	75, 298	----------	----------	75, 298
Patents and trademarks:				
Orders	5, 178, 057	470, 799	600	4, 706, 658
Foreign exchange	3, 112, 913	----------	3, 112, 913	----------
Library subscriptions	1, 266, 432	----------	----------	1, 266, 432
ROC	931, 771	931, 771	----------	----------
Archives	212, 265	----------	212, 265	----------
Total	10, 701, 438	1, 402, 570	3, 325, 778	5, 973, 090
Drawings and corrections	15, 091	----------	----------	15, 027

17. Patents Issued to Residents of United States, Calendar Years 1961–70 (excludes designs, plants, and reissues)

States and territories	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Alabama	167	209	178	153	236	232	248	236	258	254
Alaska	13	18	7	9	13	14	19	12	22	28
American Samoa							2	3	1	2
Arizona	138	164	190	188	249	290	356	279	301	308
Arkansas	73	92	69	63	85	74	56	54	77	94
California	4, 649	5, 162	4, 358	4, 603	6, 304	6, 777	6, 264	5, 630	6, 372	5, 960
Canal Zone		1					13	7	7	12
Colorado	241	262	233	222	333	321	325	327	412	371
Connecticut	1, 313	1, 545	1, 136	1, 305	1, 742	1, 859	1, 677	1, 567	1, 664	1, 569
Delaware	394	526	359	373	479	608	595	558	564	530
District of Columbia	185	169	145	157	181	161	236	154	268	208
Florida	506	600	528	590	725	790	832	794	769	789
Georgia	184	222	186	174	276	284	310	294	300	251
Guam	1				1		5	2	2	9
Hawaii	26	28	20	20	13	25	19	22	40	46
Idaho	41	61	53	40	46	52	48	56	65	67
Illinois	3, 456	3, 991	3, 288	3, 450	4, 508	4, 561	4, 161	3, 712	3, 968	3, 701
Indiana	1, 061	1, 229	994	979	1, 286	1, 375	1, 219	1, 100	1, 151	1, 109
Iowa	371	414	286	341	490	443	395	321	354	353
Kansas	197	263	181	211	270	314	273	263	257	274
Kentucky	252	294	253	235	302	355	381	308	363	302
Louisiana	280	258	249	221	289	322	367	327	308	308
Maine	53	62	48	61	62	72	80	67	50	70
Maryland	780	807	692	760	1, 013	1, 073	1, 058	915	1, 145	903
Massachusetts	1, 717	1, 852	1, 647	1, 713	2 095	2, 386	2 149	1, 911	2, 190	2, 086
Michigan	2, 569	2, 931	2, 347	2, 433	3, 135	3, 494	3, 164	2, 815	3, 001	2, 689
Minnesota	635	827	710	724	982	1, 069	985	882	1, 068	974
Mississippi	41	36	48	45	50	50	65	47	76	57
Missouri	586	644	559	567	685	864	827	693	810	647

17. Patents Issued to Residents of United States, Calendar Years 1961–70 (excludes designs, plants, and reissues)—Continued

States and territories	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Montana	39	53	32	44	26	37	57	52	54	37
Nebraska	84	112	103	85	115	144	161	105	102	97
Nevada	16	32	34	28	40	47	50	38	49	49
New Hampshire	107	124	109	92	135	153	157	114	154	174
New Jersey	3, 379	3, 707	2, 850	3, 132	3, 987	4, 512	4, 370	3, 768	4, 369	4, 126
New Mexico	90	103	77	103	108	115	120	88	115	71
New York	4, 924	5, 538	4, 432	4, 579	5, 812	6, 202	5, 503	4, 955	5, 541	5, 314
North Carolina	287	330	276	315	405	467	586	494	495	462
North Dakota	34	43	40	36	32	40	46	47	51	38
Ohio	3, 284	3, 589	2, 918	2, 665	3, 574	3, 812	3, 482	3, 208	3, 403	3, 110
Oklahoma	644	744	624	579	865	937	878	814	789	716
Oregon	238	256	222	243	296	329	319	271	309	280
Pennsylvania	3, 115	3, 480	2, 753	2, 854	3, 901	4, 131	3, 824	3, 378	3, 726	3, 527
Puerto Rico	6	13	7	8	15	19	23	19	25	39
Rhode Island	166	222	161	193	198	247	237	197	222	208
South Carolina	108	124	123	127	158	200	222	168	222	179
South Dakota	37	32	37	30	37	34	51	38	35	42
Tennessee	305	307	321	273	367	489	435	417	430	359
Texas	1, 291	1, 532	1, 340	1, 271	1, 578	1, 806	1, 769	1, 770	1, 900	1, 831
Utah	86	116	99	99	136	155	128	120	160	150
Vermont	30	44	30	40	57	48	47	61	65	63
Virginia	446	492	408	449	656	738	781	660	658	609
Virgin Islands	1	----------	----------	1	--------	1	2	11	18	15
Washington	340	434	337	361	448	506	445	391	480	397
West Virginia	213	306	177	188	218	266	245	209	180	165
Wisconsin	926	1, 147	883	947	1, 277	1, 303	1, 171	1, 000	1, 035	1, 013
Wyoming	24	24	19	25	35	24	29	31	28	29
U.S. Air Force	----------	2	--------	5	--------	3	--------	2	4	6
U.S. Army	5	5	----------	----------	1	--------	2	----------	----------	----------
U.S. Navy	----------	1	--------	1	5	4	5	--------	3	1
Total	40, 154	45, 579	37, 176	38, 410	50, 332	54, 634	51, 274	45, 782	50, 395	47, 073

18. United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1966–70 (Includes reissues, excludes plants and designs)

Country	1966*	1967	1968	1969	1970
Algeria	1			2	
Argentina	40	35	45	41	41
Australia	220	263	313	308	285
Austria	232	273	286	337	322
Belgium	303	319	384	377	291
Bermuda			2	1	1
Bolivia	2	1	1	1	1
Brazil	35	30	29	22	30
British West Indies	2	6	3	9	14
Bulgaria	7	11	10	27	16
Cameroon				1	
Canada	1, 323	1, 456	1, 558	1, 707	1, 535
Ceylon	1				
Chile	13	7	6	10	6
China, Republic of	16	13	3	19	27
Colombia	6	6	1	9	4
Congo (Brazzaville)	1			1	
Costa Rica	1	2	1	2	
Cuba				1	2
Cyprus					
Czechoslavakia	180	160	174	218	108
Denmark	172	168	195	221	211
Dominican Republic					
Ecuador	1			1	
El Salvador		5		3	
Ethiopia	1			2	1
Finland	52	73	94	103	104
France	2, 174	2, 385	2, 522	2, 821	2, 375
Germany, Federal Republic of	5, 504	5, 734	6, 455	7, 405	6, 808
Greece	14	9	19	17	16
Guatemala	1	1		2	2
Haiti	2	2	1	1	
Honduras	4				2
Hong Kong	15	7		24	23
Hungary	48	66	54	70	80
Iceland	7	2		4	2
India	25	32	13	30	21
Indonesia	1			3	
Iran	2	4		4	1
Ireland	30	27	29	44	44
Israel	86	64	73	87	90
Italy	849	866	960	1, 031	1, 017
Jamaica	2	4	4	4	1
Japan	2, 479	3, 354	4, 051	5, 430	5, 295
Jordan			1	1	1
Kenya	1	4		1	2
Korea	5	2	4	11	13
Kuwait				1	
Lebanon	6	3		6	
Liberia				2	
Libya					5
Liechtenstein	18	13	13	27	19
Luxembourg	5			14	16
Malaysia		2			2
Mali	2			1	

18. United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1966–70 (Includes reissues, excludes plants and designs)—Continued

Country	1966*	1967	1968	1969	1970
Malta					1
Mexico	97	78	177	74	73
Monaco	5	2	1	7	2
Morocco	4	1			1
Netherlands	652	711	790	899	738
New Zealand	20	22	22	34	30
Nicaragua	1				2
Nigeria	1	1		2	
Norway	63	90	95	107	114
Pakistan	1		1		2
Panama				4	4
Paraguay				2	1
Peru	4	7	7	7	4
Philippines	12	4	9	13	17
Poland	50	48	55	59	36
Portugal	11	12	15	13	10
Rhodesia and Nyasaland	3	3	1	2	4
Rumania	15	45	53	59	45
Saudi Arabia	3	4	1	5	
Senegal				5	
South Africia, Republic of	83	101	102	115	81
Singapore	4			2	
Spain	116	106	133	145	115
Sudan				2	
Sweden	858	825	941	1, 070	806
Switzerland	1, 399	1, 513	1, 551	1, 698	1, 506
Tanzania				2	1
Thailand			1	3	
Trinidad & Tobago				1	
Turkey	4	3	1	6	5
Uganda				2	1
Union of Soviet Socialist Republics	112	427	329	438	403
United Arab Republic	1		17		
United Kingdom	4, 238	4, 597	4, 660	5, 216	4, 113
Uruguay	1	2	1	7	3
Venezuela	15	9	6	14	11
Viet Nam (South)	1		1		
West Africa				15	
Yugoslavia	7	17	17	12	14
Zambia				3	3
Other		9			
Total	21, 670	24, 046	26, 291	30, 507	26, 980

*Revised.

19. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1961–70 (excludes plants, designs, and reissues)

Country	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Algeria		2	3		2			1		1
Argentina	16	14	19	27	18	20	16	18	17	24
Australia	58	82	69	80	110	110	151	119	155	143
Austria	86	125	86	91	143	128	151	160	191	191
Belgium	106	106	85	131	184	185	176	169	220	233
Bermuda	5		3	2	3	2	1		3	2
Bolivia							1	1	2	8
Borneo			1							
Brazil	8	19	17	10	11	17	12	13	18	16
British West Indies	4	3	5	8	3	1	4	4	9	1
Bulgaria		1		1	1		5	1	7	9
Burma		1								
Cameroon	1						1			
Canada	615	686	606	648	853	937	991	897	994	1,065
Ceylon			1						1	
Chile	2	5	1	1	3	1	3	2	8	2
China, Republic of	3	2	4	3	4	2	9	5	5	6
Colombia	1	3	2	3	5	8	4	2	5	6
Congo				3						2
Costa Rica	2		1		2		2		1	
Cuba	9	13	8	1	1					1
Cyprus								1		1
Czechoslovakia	62	49	44	34	52	38	96	96	132	118
Dahomey										1
Denmark	64	64	70	63	88	101	123	82	144	138
Dominican Republic				2	1					
Ecuador	1		1			2	2		4	2
El Salvador		1	1		1	1	4	2	3	1
Ethiopia										1

19. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1961–70 (excludes plants, designs, and reissues)—Continued

Country	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Finland	13	18	18	9	22	27	34	31	43	46
France	882	1, 039	854	1, 013	1, 372	1, 436	1, 558	1, 446	1, 808	1, 732
Germany, Federal Republic of	2, 306	2, 847	2, 338	2, 420	3, 388	3, 981	3, 766	3, 442	4, 523	4, 434
Greece	6	3	7	1	5	5	13	3	11	8
Guatemala			2			5	5		4	2
Haiti						2	2	2	2	1
Honduras		1				1		1	5	3
Hong Kong	2	4	6	5	6	8	12	7	7	8
Hungary	20	17	13	20	20	31	23	21	22	37
Iceland	1			2	3	2	1	4	1	7
India	1	7	4	7	8	5	10	15	18	16
Indonesia						5	12	25		1
Iran	1		1	1	1	2	3	1	1	4
Ireland			1	10	5	9	8	10	13	12
Israel	12	17	20	26	33	45	53	38	61	46
Italy	257	388	345	308	414	429	471	477	556	572
Jamaica							1	1		1
Japan	250	421	407	545	919	1, 122	1, 424	1, 464	2, 152	2, 625
Kenya	1	1		3		2	1	2	1	4
Korea		2		3	2	2		2		3
Kuwait									1	
Lebanon		4	4			1		3	2	1
Liberia								1		
Libya			1		1					
Liechtenstein	3	12	5	10	14	12	13	15	14	23
Luxembourg	3	3	5	4	3	6	7	7	2	1
Madagascar										1
Malaya			1		2	2				
Malaysia										1

Mauritania										1
Mexico	45	91	92	72	87	99	43	40	68	43
Monaco	3	1	1	2	2	6	3	4	4	2
Morocco	5	3	3	3	6	6	3	4	1	2
Netherlands	402	483	329	356	519	482	507	476	558	543
New Caledonia										
Newfoundland						1				
New Zealand	7	10	12	12	17	10	15	13	16	14
Nicaragua						2	4	2	2	1
Nigeria							2	2	1	1
Norway	46	39	33	43	52	59	49	49	69	68
Pakistan	2	5	2		1	2	2		1	1
Panama	1	2	2	2	1	1				1
Peru	1	2	1	5	5	2	5	5	5	6
Philippines	4	1	7	5	2	4	1	2	4	2
Poland	2		3	1	9	10	12	25	31	33
Portugal	2	3	3	2	2	4	1	7	6	3
Rhodesia	2	3	5	3	4	2	2		3	
Rumania		1	2	2	2	4	6	21	21	37
Saudi Arabia				1		1		1		3
Senegal			1							
Singapore							1	1	2	
South Africa, Republic of	30	33	30	34	69	48	52	35	65	49
Southwest Africa										1
Viet Nam (South)									1	
Spain	24	18	26	19	49	50	46	48	59	57
Sudan								2		2
Sweden	358	414	386	368	562	537	574	569	673	627
Switzerland	617	771	668	667	862	983	948	822	1, 058	1, 112
Syria		1								
Tanzania									3	
Thailand	1									
Trinidad & Tobago				1		2		1	1	2
Tunisia	1		1		1		1			
Turkey		1		2		2	4	3	1	
Uganda						1		1		

19. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1961–70 (excludes plants, designs, and reissues)—Continued

Country	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Union of Soviet Socialist Republics		3	15	12	28	66	115	95	159	218
United Arab Republic	1	2		1	1	3	4	1		
United Kingdom	1, 843	2, 248	1, 810	1, 839	2, 574	2, 677	2, 799	2, 481	3, 175	2, 952
Uruguay	3	4	3	3	3	2	1	1		1
Venezuela	10	10	9	12	11	7	5	13	6	3
Yugoslavia	3	3	2	4	3	4	4	4	3	6
Zambia						1	1			2
Total	8, 214	10, 112	8, 505	8, 966	12, 525	13, 772	14, 378	13, 320	17, 162	17, 354

20. United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1968–70

	Applications			Registrations		
	1968	1969	1970	1968	1969	1970
Argentina	13	12	17	9	8	7
Australia	21	38	21	22	16	14
Austria	27	16	23	11	12	13
Bahamas			3			
Belgium	20	27	35	18	20	16
Bermuda				1		
Brazil	2	10	12	5	3	6
British West Indies	2	4		2	7	1
Bulgaria		3		1	1	
Canada	332	337	419	162	215	181
Central African Republic	3					
Ceylon						
Chile	1	2				1
China (National Republic)		1	1			
Colombia	4	2	3	4	1	
Costa Rica			2			1
Cuba						
Czechoslovakia	20	4	10	5	8	7
Denmark	43	39	64	23	24	16
Dominican Republic		1				1
Ecuador		1				
El Salvador			2			
Finland	11	29	19	1	8	9
France	308	335	329	166	178	220
Germany, Federal Republic of	375	389	409	251	264	297
Greece	2	4	9	2	1	5
Guatemala	1				1	
Honduras		1				
Hong Kong	8	8	11	6	6	13
Hungary			2	1	1	
Iceland		1				
India	1	4	1			1
Iran	1					
Ireland	19	44	3	5	4	28
Israel	4	7	5	6	5	3
Italy	143	151	162	86	87	80
Jamaica						1
Japan	319	373	418	154	271	196
Korea		3				1
Kuwait						
Liechtenstein	11	5	8	7	6	5
Luxembourg	2		1			2
Mexico	24	17	29	18	17	33
Monaco		1		1	2	1
Morocco		1		1		1
Netherlands	53	71	115	50	42	51
New Zealand	2	4	5		2	2
Norway	17	10	16	9	11	9
Pakistan		2				1
Panama	1	4	9	4	3	2
Peru	1	1	2		1	
Philippines		6	8			2
Poland	14	6	5	7	7	8
Portugal	14	4	3	9	6	5
Rumania						

20. United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1968–70—Continued

	Applications			Registration		
	1968	1969	1970	1968	1969	1970
Singapore			7			2
South Africa, Republic of	12	11	11	12	11	8
Rhodesia					1	
Spain (Canary Islands)	56	82	72	33	26	51
Sweden	73	74	92	55	62	45
Switzerland	160	231	205	136	117	120
Taiwan						1
Tanzania					1	
Thailand						
Trinidad & Tobago	2			1		
Union of Soviet Socialist Republics	1	1			1	
United kingdom	406	431	478	350	302	264
Uruguay						
Venezuela	2		3		2	2
Yugoslavia			4	3		
Other						
Total	2, 536	2, 898	3, 053	1, 637	1, 761	1, 733

21. Income from Fees, Fiscal Years 1967–71

[In thousands of dollars]

	1967	1968	1969	1970	1971
Patent issue fee, including printing	8, 365	9, 274	9, 067	9, 000	10, 490
Patent application filing fee, including extra claims	7, 354	7, 638	8, 332	8, 720	8, 880
Printed copies, U.S. patents, designs, and trademarks	2, 897	2, 638	2, 564	2, 588	2, 358
Recording assignments	1, 396	1, 476	1, 651	1, 801	1, 711
Reproduction of records	1, 082	1, 038	1, 126	1, 159	1, 063
Trademark application filing fee	969	998	1, 154	1, 235	1, 229
Appeals, including briefs	740	561	582	677	636
Special service on orders	159	155	122	144	166
Certification of records	114	107	128	136	124
Making, mounting, correction, and comparison of drawings	112	129	142	138	139
Trademark renewal filing fee	96	102	154	159	155
Design application filing fee	95	98	109	115	123
Design issue fee, including term	63	103	88	113	95
Trademark oppositions and cancellations	38	37	37	38	40
Subscription service for copies	34	34	35	37	38
Patent reissue filing fee, including extra claims	25	21	26	28	28
Petition fees	23	20	25	32	38
Attorney registrations and certificates	(*)	(*)	17	41	29
Disclosure documents filed [1]			(*)	23	34
Certificates of correction	(*)	(*)	(*)	15	15
Filing of affidavits, sec. 8 (a) or (b) [2]					34
Other fees (approximately 40 in number) less than $15,000 each	104	97	97	79	81
Total	23, 666	24, 526	25, 456	26, 278	27, 506

[1] Fee was not in effect until May 1969.
[2] Fee was not applicable until October 1970 (5 years after effective date of Public Law 89–83).
*Less than $15,000 for this fiscal year.

22. End-of-Year Employment, Fiscal Years 1967–71

	1967	1968	1969	1970	1971 [1]
Office of Commissioner	19	26	23	22	[2] 18
Director of Planning, Budget Evaluation, and Forecast	(*)	(*)	(*)	(*)	11
Office of Solicitor	22	22	22	22	18
Office of Patent Examining	1, 621	1, 674	1, 595	1, 706	1, 625
Office of Appeals, Legislation and Trademarks	200	193	191	201	179
Office of Search Systems Development	211	209	224	178	122
Office of Administration	659	670	643	656	655
Office of Data Systems	(*)	(*)	(*)	(*)	54
Total	2, 732	2, 794	2, 698	2, 785	2, 682
Patent professional	1, 239	1, 300	1, 248	1, 303	1, 242
Trademark professional	54	55	55	55	55
All other	1, 439	1, 439	1, 395	1, 427	1, 385
Total	2, 732	2, 794	2, 698	2, 785	2, 682

*Included in other cost centers prior to fiscal year 1971.

[1] Reflects the most recent Patent Office reorganization.

[2] Includes Office of Information Services and Office of Government Inventions and Patents.

NOTE. Because of reorganizations, the distribution between cost centers is not comparable by years.

23. Average Number of All Employees Fiscal Years 1967–71

	1967	1968	1969	1970	1971
Office of Commissioner	17	23	22	21	18
Office of Planning, Budget, Evaluation and Forecast					11
Office of Solicitor	21	19	21	21	19
Office of Patent Examining	1, 514	1, 599	1, 581	1, 583	1, 634
Office of Appeals, Legislation, and Trademarks	179	196	185	179	186
Office of Research and Development	193	196	187	172	148
Office of Administration	604	624	593	593	590
Office of Data Systems [1]					50
Total	2, 528	2, 657	2, 589	2, 569	2, 656
Patent professional	1, 207	1, 248	1, 267	1, 258	1, 216
Trademark professional	45	53	54	53	51
All other	1, 276	1, 356	1, 268	1, 258	1, 389
Total	2, 528	2, 657	2, 589	2, 569	2, 656

[1] Included in other cost centers prior to fiscal year 1971.

24. Operating Cost, Fiscal Years 1967–71

[In thousands of dollars]

	1967 [1]	1968 [1]	1969	1970	1971
Office of Commissioner	267	381	423	467	426
Office of Planning, Budget, Evaluation and Forecast [2]					275
Office of Solicitor	335	330	368	410	412
Office of Appeals, Legislation, and Trademarks	2, 341	2, 598	2, 741	3, 092	3, 274
Office of Patent Examining	19, 256	21, 100	23, 553	26, 900	29, 012
Office of Search Systems and Documentation	2, 475	2, 674	2, 817	2, 867	2, 884
Office of Administration	10, 860	11, 488	12, 674	15, 631	17, 896
Office of Data Systems [2]					944
Total	35, 534	38, 571	42, 576	49, 367	55, 123
Personnel compensation	25, 334	27, 544	29, 938	34, 307	37, 079
Personnel benefits	1, 987	2, 157	2, 323	2, 643	3, 075
Printing and reproduction	6, 418	6, 420	6, 652	8, 140	11, 380
Other costs	1, 795	2, 450	3, 663	4, 277	3, 589
Total	35, 534	38, 571	42, 576	49, 367	55, 123

[1] Reflects comparative transfer to other accounts.
[2] Separated from other organizations as new cost centers in fiscal year 1971.

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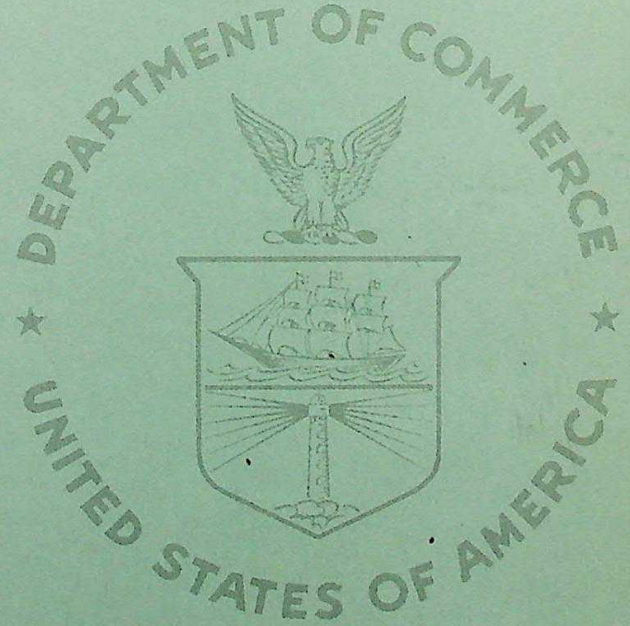
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